



Project:

Quantity:

Notes:

Type

Performance

Charge Time	3 hrs/8 hrs Cloudy
Operating Time	16+ Hours
Compressive Strength	282,824 N / 63,635 lbf
Cycles (Days)	100,000
Expected Life	10+ yrs

General

Warranty	3 Year Full Replacement
Lens Construction	UV Polycarbonate
Housing	Powder Coated Aluminum
Water Proof Rating	IP68
Operating Temperature	-40°F to 158°F
Dimensions (in)	4.33"L x 3.54"W x 1.18"H
Weight (lbs)	0.86#



Component Specifications

Single Mono-Crystalline Solar Cell	Solar Module Size	40 x 53mm
	Solar Maximum Output Power	0.337W
	Solar Operating Current	107mA
	Solar Voltage	3.15V
LED	LED Size	3258 Chip LED + 10Ø Lens
	LED Current	20mA per each
	LED Operating Current	1.1mA per each
	LED Voltage	3V
	LED Wattage	0.019W
	LED Quantities	3 pcs / 6 pcs
Pseudocapacitor	Pseudocapacitor	2.3V 120F
	Number of Semicapacitors	2 pcs

How to specify:

Model	Function	Color	Lux	
YHYS			3 LED	6 LED
	S-Steady	R-Red	147	78.7
	FF-Fast Flash	G-Green	120.1	120.1
	SF-Slow Flash	B-Blue	186.6	186.6
		Y-Yellow	63.3	38.6
		W-White	267	267

Example: YHYSSW=Model YHYS, Steady, White
(For Bi-Directional, specify 2 colors. I.e. Red/White =RW)